

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	418	catheter and (guide wire or guide\$wire) and (puls\$5 same (detect\$4 or monitor\$3 or controll\$4)) and infus \$3 and (aspirat\$3 or by\$pass) and (balloon\$2 or (two with balloons))	US- PGPUB; USPAT	ADJ	ON	2008/10/27 11:48
S2	6	("5125277"   "5135484"   "5152277"   "6083198"   "6117105"   "6139517").PN	US- PGPUB; USPAT	ADJ	ON	2008/10/27 12:33
S4	5	("5135484"   "5152277"   "6083198"   "6117105"   "6139517").PN. OR ("7329237").URPN.	US- PGPUB; USPAT; USOCR	ADJ	ON	2008/10/27 12:39
S3	1	(11/076712).APP.	USPAT; USOCR	ADJ	ON	2008/10/27 12:39
S5	43	catheter and (guide wire or guide\$wire) and (stroke same puls\$5 same (detect\$4 or monitor\$3 or controll \$4)) and infus\$3 and (aspirat\$3 or by\$pass) and (balloon\$2 or (two with balloons))	US- PGPUB; USPAT	ADJ	ON	2008/10/27 12:48
S6	8	catheter and (guide wire or guide\$wire) and (stroke same puls\$5 same detect\$4) and infus\$3 and (aspirat \$3 or by\$pass) and (balloon\$2 or (two with balloons))	US- PGPUB; USPAT	ADJ	ON	2008/10/27 12:49
S7	3	catheter and (guide wire or guide\$wire) same (stroke same puls\$5 same detect\$4) and infus\$3 and (aspirat \$3 or by\$pass) and (balloon\$2 or (two with balloons))	US- PGPUB; USPAT	ADJ	ON	2008/10/27 12:50
S8	96	604/101.03.ccls.	USPAT	ADJ	ON	2008/10/27 12:51
S9	13	S8 and stroke	USPAT	ADJ	ON	2008/10/27 12:51
S10	450	(guide\$wire or "guide wire") and (move or retract or push or pull or slide) same (puls\$5 or heart\$beat or "heart beat")	USPAT	ADJ	ON	2008/10/27 14:23
S11	19	S10 and balloon and (infus\$4 and aspirat\$4)	USPAT	ADJ	ON	2008/10/27 14:24
S12	129	S10 and balloon and (shaft or piston)	USPAT	ADJ	ON	2008/10/27 14:25
S13	128	S12 and catheter	USPAT	ADJ	ON	2008/10/27 14:25
S15	2	(guide\$wire or "guide wire") and (move or retract or push or pull or slide) same ( heart\$beat or "heart beat") same synchroniz\$4	USPAT	ADJ	ON	2008/10/27 14:30
S14	5	(guide\$wire or "guide wire") and (move or retract or push or pull or slide) same (puls\$5 or heart\$beat or "heart beat") same synchroniz\$4	USPAT	ADJ	ON	2008/10/27 14:30
S16	1	(11/076712).APP.	USPAT; USOCR	ADJ	ON	2008/10/27 15:18
S17	2	(guide\$wire or "guide wire") and (move or retract or push or pull or slide or stroke) same ( heart\$beat or "heart beat") same synchroniz\$4	USPAT	ADJ	ON	2008/10/27 15:22
S18	6	(guide\$wire or "guide wire") and (move or retract or push or pull or slide or stroke) same (heart\$beat or "heart beat" or heart) same synchroniz\$4	USPAT	ADJ	ON	2008/10/27 15:23

S19	32	("4821731"   "5220924"   "5295484"   "5295486"   "5421338"   "5433198"   "5509419").PN. OR ("5908445").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/10/27 15:24
S22	144	("6022336" "5304199" "5893841" "5934286" "6056721" "6248121" "7329237" "20050159703" "20050273050" "20060200191" "4254774" "4841977" "5366443" "5431628" "5439446" "5554114" "5591183" "5685847" "5709224" "5833644" "5833650" "6068611" "6077261" "6083198" "6113629" "6210365" "6210365" "4581017" "4608984" "4790311" "4906244" "4921478" "4938676" "5017325" "5181911" "5223205" "5236659" "5273536" "5304197" "5328471" "5356591" "5383856" "5403280" "5449371" "5456694" "5458575" "5522882" "5558635" "5628761" "5662609" "5697948" "5713913" "5728123" "5738653" "5769817" "5783227" "5807328" "5928181" "6018857" "6033380" "6039721" "6056722" "6110142" "6117117" "6117064" "6146370" "6159141" "6179824" "6190356" "6210380" "6210380" "6254628" "6258116" "6283951" "6287320" "6306151" "6312406" "6319242" "6423032" "6436104" "6476070" "6527739" "6555057" "6569148" "6575932" "6592548" "6595980" "6623471" "6626886" "6669665" "6679879" "6685648" "6685672" "6692460" "6736790" "6837881" "6887227" "6997898" "7094230" "7105019" "7323189" "7374561" "20010056297" "20020002349" "20020010419" "20020016565" "20020026145" "20020029014" "20020029031" "20020052638" "20020091407" "20020095147" "20030009209" "20030078539" "20030083740" "20030149467" "20030199865" "20030199917" "20030208222" "20040015150" "20040064179" "20040127885" "20040133154" "20040138608" "20040215140" "20040230219" "20050154298" "20050228402" "20060015126" "20060200074" "20060200075" "20070021730" "20070055132" "20070060942" "20070244549" "20080167678" "20080243168" "5746717" "5318535" "5873852" "6165195" "6221090" "6221098" "6221090" "6221098" "6248091" "6319229" "20070213761" ).pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/27 17:45
S23	1534	((puls\$4 or rhythm or beat\$3) same heart) and detect \$3 and (guide\$wire or "guide wire") and (move\$4 or slid\$3 or stroke)	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/27 18:01
S24	993	S23 and catheter and balloon\$2	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/27 18:01
S26	441	S23 and (balloon catheter)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/10/27 18:02
S25	1493	S23 and (balloon catheter)	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/27 18:02

S27	227	S26 and (infus\$4)	US- PGPUB; USPAT; USOCR	ADJ	ON	2008/10/27 18:02
S28	85	S27 and synchroniz\$7	US- PGPUB; USPAT; USOCR	ADJ	ON	2008/10/27 18:02
S29	0	((puls\$4 or rhythm or beat\$3) same heart) same synchroniz\$7 same detect\$3 same (guide\$wire or "guide wire") same (move\$4 or slid\$3 or stroke)	US- PGPUB; USPAT; USOCR	OR	ON	2008/10/27 18:09
S34	3	((puls\$4 or rhythm or beat\$3) same heart) same synchroniz\$7 same detect\$3 same (guide\$wire or "guide wire")	US- PGPUB; USPAT; USOCR	OR	ON	2008/10/27 18:10
S33	3	((puls\$4 or rhythm or beat\$3) same heart) same synchroniz\$7 same detect\$3 same (guide\$wire or "guide wire") same (move\$4 or slid\$3 or stroke)	US- PGPUB; USPAT; USOCR	OR	ON	2008/10/27 18:10
S35	17	(puls\$4 or rhythm or beat\$3) same heart same synchroniz\$7 same (guide\$wire or "guide wire")	US- PGPUB; USPAT; USOCR	OR	ON	2008/10/27 18:10
S36	155	(puls\$4 or rhythm or beat\$3) same heart same synchroniz\$7 same (guide\$wire or "guide wire" or motor)	US- PGPUB; USPAT; USOCR	OR	ON	2008/10/27 18:11
S37	26	(puls\$4 or rhythm or beat\$3) same heart same synchroniz\$7 same (guide\$wire or "guide wire" or wire) and (motor or actuator)	US- PGPUB; USPAT; USOCR	OR	ON	2008/10/27 18:12
S38	1014	604/101.01,101.02,101.03,101.05,117.ccls.	US- PGPUB; USPAT; USOCR	OR	ON	2008/10/28 09:49
S40	474	604/101.01,101.02,101.03,101.05.ccls.	USPAT; USOCR	OR	ON	2008/10/28 09:49
S39	591	604/101.01,101.02,101.03,101.05.ccls.	US- PGPUB; USPAT; USOCR	OR	ON	2008/10/28 09:49
S42	80	S40 and (motor or actuat\$3 or piston)	USPAT; USOCR	OR	ON	2008/10/28 09:50
S43	15	S40 and (motor or actuat\$3 or piston) and (heart or cardiac) and (rhythm or puls\$5)	USPAT; USOCR	OR	ON	2008/10/28 09:51
S44	2	S40 and (motor or actuat\$3 or piston) same (heart or cardiac) same (rhythm or puls\$5)	USPAT; USOCR	OR	ON	2008/10/28 10:37
S45	0	(balloon catheter) (motor or actuat\$3) and ("guide wire" or guide\$wire) same (heart or cardiac) same (rhythm or puls\$5)	USPAT; USOCR	ADJ	ON	2008/10/28 10:39
S46	14	(balloon catheter) and (motor or actuat\$3) and ("guide wire" or guide\$wire) same (heart or cardiac) same (rhythm or puls\$5)	USPAT; USOCR	ADJ	ON	2008/10/28 10:39
S47	5	("5135484"   "5152277"   "6083198"   "6117105"   "6139517").PN. OR ("7329237").URFN.	US- PGPUB; USPAT; USOCR	ADJ	ON	2008/10/28 10:42

S48	119	("3401690"   "3565062"   "4423725"   "4445509"   "4573966"   "4655746"   "4690672"   "4696668"   "4729763"   "4790813"   "4795438"   "4898574"   "4902276"   "4950238") PN. OR ("5135484"). UFPN	US- PGPUB; USPAT; USOCR	ADJ	ON	2008/10/28 11:00
S49	2	S48 and ((cardiac or heart) with (rhythm or puls\$5))	US- PGPUB; USPAT; USOCR	ADJ	ON	2008/10/28 11:01
S50	26	((cardiac or heart) with (rhythm or puls\$5)) same (actuat or mov\$3) same ("guide wire" or guide\$wire)	US- PGPUB; USPAT; USOCR	ADJ	ON	2008/10/28 11:05
S51	933	((cardiac or heart) and (rhythm or puls\$5)) and (actuat or mov\$3) and ("guide wire" or guide\$wire) and (synchron\$7)	US- PGPUB; USPAT; USOCR	ADJ	ON	2008/10/28 11:11
S54	87	((cardiac or heart) with (rhythm or puls\$5 or "heart \$beat" or heart\$beat or beat)) and (actuat or mov\$3) with ("guide wire" or guide\$wire) and (synchron\$7)	US- PGPUB; USPAT; USOCR	ADJ	ON	2008/10/28 11:11
S52	576	((cardiac or heart) with (rhythm or puls\$5)) and (actuat or mov\$3) and ("guide wire" or guide\$wire) and (synchron\$7)	US- PGPUB; USPAT; USOCR	ADJ	ON	2008/10/28 11:11
S53	70	((cardiac or heart) with (rhythm or puls\$5)) and (actuat or mov\$3) with ("guide wire" or guide\$wire) and (synchron\$7)	US- PGPUB; USPAT; USOCR	ADJ	ON	2008/10/28 11:11
S55	87	((cardiac or heart) with (rhythm or puls\$5 or "heart beat" or heart\$beat or beat)) and (actuat or mov\$3) with ("guide wire" or guide\$wire) and (synchron\$7)	US- PGPUB; USPAT; USOCR	ADJ	ON	2008/10/28 11:12
L1	28	(balloon catheter) and (insertion with coronary vein)	US- PGPUB; USPAT; USOCR	ADJ	ON	2008/10/28 15:06
L2	34	(US-20080221560-\$ or US-20060190022-\$ or US-20020016564-\$ or US-20050171575-\$ or US-20040059284-\$ or US-20050113798-\$ or US-20040087859-\$ or US-20050159703-\$).did. or (US-5014715-\$ or US-6315789-\$ or US-5261877-\$ or US-6852097-\$ or US-5571151-\$ or US-6855144-\$ or US-6827701-\$ or US-6514249-\$ or US-6464662-\$ or US-5423740-\$ or US-5135483-\$ or US-6764450-\$ or US-5582178-\$ or US-6139517-\$ or US-6306116-\$ or US-5662609-\$ or US-5591183-\$ or US-6179824-\$ or US-5366443-\$ or US-4608984-\$ or US-6306151-\$ or US-6575932-\$ or US-3759247-\$ or US-6287297-\$ or US-6682555-\$).did. or (US-3048165-\$).did.	US- PGPUB; USPAT; USOCR	ADJ	ON	2008/10/28 15:06
L3	1	L2 and (coronary vein)	US- PGPUB; USPAT; USOCR	ADJ	ON	2008/10/28 15:06
L4	18	L2 and (coronary)	US- PGPUB; USPAT; USOCR	ADJ	ON	2008/10/28 15:06
L5	1	L2 and (coronary near2 vein)	US- PGPUB; USPAT; USOCR	ADJ	ON	2008/10/28 15:07

L6	6	L2 and (coronary same vein)	US- PGPUB; USPAT; USOCR	ADJ	ON	2008/10/28 15:07
L8	1	"5135483".pn.	USPAT	ADJ	ON	2008/10/28 15:35
L9	345	604/509.ccls.	USPAT	ADJ	ON	2008/10/28 15:37
L11	78	L9 and (heartbeat or heart\$beat or puls\$5)	USPAT	ADJ	ON	2008/10/28 15:38

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